

BRUHAT BANGALORE MAHANAGARA PALIKE**Yelahanka Zone, Electrical Division**

Office of the Executive Engineer
Electrical Division, Yelahanka Zone
Bruhath Bengaluru Mahanagara Palike

"Schedule-B"

Name of Work:- Providing Street Light and Electrical Accessories in Ward no 6 Thanisandra.

SI No	Qty	Description Of Work	Unit	Approved Rates	
				In figures	In words
1	214	LED Street light. Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED source manufacture. Suitable for B1/B2 Roads as per IS 1944 Part I & Part II. LED Streetlight 65watts	each	18720.00	Rupees Eighteen Thousand Seven Hundred and Twenty Only
2	204	Supplying & fixing of 32 mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. Using 32mm dia G.I pipe	Each	893.00	Rupees Eight Hundred Ninety Three Only
3	500	Wiring for lighting / power circuit using one of pvc insulated 1100v grade stranded aluminum unsheathed wire single core cable in open or concealed system of wiring as per IS - 694 : 1990 4sq mm	Per Mtr	7.50	Rupees Seven And Paise Fifty Only
4	150	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanized, steel wire/steel tap armoured cable with PVC outer sheathing 1.1 KV class. I. Class 'A' PVC Cable. 3.5 core 25 sqmm	Per Mtr	165.00	Rupees One Hundred Sixty Five Only
5	150	Labour charges for laying of 1.1 KV class UG cable when supplied agency in existing trench GI pipe / stoneware pipe / on wall / on pole as required. I. In existing trench/duct. 6 sqmm to 16 sqmm	Per Mtr	10.80	Rupees Ten And Paise Eighty Only
6	10	Supplying and fixing angle iron frame work fabricated out of M.S angle iron... and M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. a) 50X50X6 mm	mtr	263.00	Rupees Two Hundred Sixty Three Only
7	3000	Supplying and stringing of ACSR Conductor (6/2.59mm Al + 1/2.59mm Steel).	Per Mtr	30.00	Rupees Thirty Only
8	50	1.1 KV Pin Insulator	Each	44.00	Rupees Forty Four Only
9	75	No. 8 Strain Insulator	Each	14.00	Rupees Fourteen Only
10	110	2 Pin 45x45x5mm -510mm	Each	306.00	Rupees Three Hundred Six Only
11	100	Fixing halogen/ metal halide /SVL/IL/LED flood light fittings over existing pole/ wall ceiling including clamps bolts nuts and wiring using suitable capacity wires	Each	176.00	Rupees One Hundred Seventy Six Only

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

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(ವಿದ್ಯುತ್) ಯಲಹಂಕ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

12	22	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.200mmx200mmx98mm	Each	2178.00	Rupees Two Thousand One Hundred Seven Eight Only
13	22	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 100Amps25kA.	Each	4044.00	Rupees Four Thousand Forty Four Only
14	100	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.25 sqmm Long Barrel	Each	20.59	Rupees Twenty And Paise Fifty Nine Only

I am prepared to take up the above work at rates quoted in the Schedule 'B'

Contractor
Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

EXECUTIVE ENGINEER (ELEC)
BBMP, Yelahanka Zone